WELCOME
to the program
Master of Science
Computer Science

April 8, 2019
Overview

1. Who is who?
2. Your academic advisor
3. General plan of the program
4. Exam regulations & exam/module registration
5. Module handbook
6. Platforms: C@mpus and ILIAS
7. Your schedule
8. Further hints
Who is who?
General responsibilities

- **Dean of the study programs:** Prof. Dr. Stefan Funke
  Responsible for the organization of all study programs of the department

- **Head of the examination board of the program M.Sc. Computer Science:**
  Prof. Dr. Melanie Herschel
  Responsible for deadline extensions, registration withdrawals, etc.
Professors for the Major “Autonomous Systems”

- Prof. Dr. Sven Simon (Parallel Systems)

  ![Sven Simon](image)

- Prof. Dr. Kurt Rothermel (Distributed Systems)

  ![Kurt Rothermel](image)

- Prof. Dr. Marc Toussaint (Machine Learning and Robotics Lab)

  ![Marc Toussaint](image)
Professors for the Major “Service Technology and Engineering”

- Prof. Dr. Bernhard Mitschang (Applications of Parallel and Distributed Systems)
- Prof. Dr. Frank Leymann (Institute of Architecture of Application Systems)
- Prof. Dr. Melanie Herschel (Data Engineering)
- PD Dr. Holger Schwarz (Applications of Parallel and Distributed Systems)
Professors for the Major “Visual Computing”

• Prof. Dr. Thomas Ertl (Graphic-Interactive Systems)

• Prof. Dr. Daniel Weiskopf (Visualization)

• Prof. Dr. Andrés Bruhn (Intelligent Systems)

• Jun.-Prof. Dr. Michael Sedlmair (Augmented Reality and Virtual Reality)

• Prof. Dr. Andreas Bulling (Human-Computer Interaction & Cognitive Systems)
In case of any organizational questions ...

- **Dr. Stefanie Anstein:**
  Student Advisor / Co-program manager
  Pfaffenwaldring 5b, office 1.006

- **Dr. Katrin Schneider:**
  Program manager
  Universitätsstr. 38, office 1.416
Your academic advisor
Your academic advisor ...

- supports you in planning your individual curriculum (via progress certificate, see below)
Your academic advisor ...

• supports you in planning your individual curriculum (via progress certificate, see below)
• can help to decide about useful combinations of modules from a great variety of modules to be chosen from
Your academic advisor ...

- supports you in planning your individual curriculum (via progress certificate, see below)
- can help to decide about useful combinations of modules from a great variety of modules to be chosen from
- will be assigned shortly before your 2nd semester (via email)

### Progress certificate MSc Computer Science

<table>
<thead>
<tr>
<th>Name:</th>
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<tbody>
<tr>
<td>Matriculation number:</td>
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<tr>
<td>Major (study profile):</td>
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<tr>
<td>Advisor:</td>
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<table>
<thead>
<tr>
<th>Selected modules from CORE for the chosen profile (24 Credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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<table>
<thead>
<tr>
<th>Selected module from EXTENDED for the chosen profile (12 credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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Stefanie Anstein: intro M.Sc. CS
General plan of the program
Study plan suggestion (flexible; *you* decide about the order of modules)

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

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

study plan suggestion (flexible)

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

*) 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.
Compulsory subjects

- Theoretical & Methodological Foundations of <your major> (6 CP)
Compulsory subjects

- Theoretical & Methodological Foundations of *<your major>* (6 CP)
- Advanced Seminar Computer Science (3 CP):
  - seminar to get acquainted with research methodologies and scientific work
Compulsory subjects

- Theoretical & Methodological Foundations of <your major> (6 CP)
- Advanced Seminar Computer Science (3 CP):
  - seminar to get acquainted with research methodologies and scientific work
- Key qualification (3 CP):
  - obligatory for all students, free choice from large offer – registration necessary (previous to the start of the semester)
Catalog modules

- specific contents for each major – rules:
  - 24 CP from CORE
Catalog modules

- specific contents for each major – rules:
  - 24 CP from CORE
  - 12 CP from EXTENDED

examination board can decide to include further modules in the catalogues, please send a formal request via S. Anstein
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Catalog modules

- specific contents for each major – rules:
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  - 12 CP from EXTENDED
  - 12 CP from BREADTH
  - 30 CP ELECTIVES

modules from bachelor programs can be used to a maximum of 6 CP for Extended, 6 CP for Breadth and 6 CP for Elective (in total at most 18 CP) – only if confirmed by the examination board.

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Master thesis

- you can register your thesis once you’ve gained 60 CP
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- you can choose a topic defined by professors from Computer Science department
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- you can choose a topic defined by professors from Computer Science department
- duration: 6 months – can be extended ONCE by at maximum 3 months (only for certain reasons; examination board will decide)
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- written in English & talk has to be given
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- guidelines how to hand in the Master thesis: see website of examination board
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- will be evaluated by 2 professors
Exam regulations & exam/module registration
Exam regulations

- binding version in German; indicative version in English, see website
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- lists all rules, deadlines, obligatory modules & describes restrictions for the catalog modules
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- most important rules (see also handout):
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• most important rules (see also handout):
  • 4 semesters = regular duration

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Exam regulations

- binding version in German; indicative version in English, see website
- lists all rules, deadlines, obligatory modules & describes restrictions for the catalog modules
- most important rules (see also handout):
  - 4 semesters = regular duration
  - max. 9 semesters (please check your visa & ask the embassy – not all students are allowed to stay longer than 4 semesters)
Exam regulations – regarding examinations

- exams can be written or oral: PL (written/oral exam), BSL (graded course achievement), USL (ungraded course achievement)
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• you can de-register from an exam until 7 days before it takes place – later de-registration is only possible if you hand in a doctor’s certificate (examination board will decide about its acceptance)
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- you cannot de-register from exam repetitions
Exam regulations – regarding exam repetitions

- you can only repeat exams you have failed
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- one repetition is allowed for each failed exam – no influence on the grade
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- repetitions have to be carried out at the next possible date of the exam (in general after the following semester) & you have to register for them
Exam registration

- one online registration period for binding exam registration in each semester via the C@MPUS system

dates:
http://www.uni-stuttgart.de/pruefungsamt/termine/anmeldetermine/index.en.html

for oral exams, please also inform the responsible lecturer / professor

hints:
sometimes de-registration is not possible via C@MPUS
⇒ contact examination board (e.g. oral exams)
to be sure, take a screenshot of your (de-)registrations

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Exam registration

• one online registration period for binding exam registration in each semester via the C@MPUS system
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Module handbook
The module handbook ...

- is a collection of all modules that belong to a program
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- can be found in the C@MPUS system (see screenshot below)
The module handbook ...

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- can be found in the C@MPUS system (see screenshot below)
- each module description includes an overview over contents/aims, name of the person responsible & the lecturer, CP, literature, exam ...
Platforms: Campus and ILIAS
Campus is the online platform for ...

- finding the currently offered courses and their modules
Campus is the online platform for ...

- finding the currently offered courses and their modules
- creating a personal schedule (via non-binding registration for courses)

http://campus.uni-stuttgart.de
login (st1234567@stud-uni...) & password
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ILIAS is the online platform for ...

- finding slides & further seminar/exercise information (you get linked to the courses via C@mpus; in some cases, registration is required)
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- finding slides & further seminar/exercise information (you get linked to the courses via C@mpus; in some cases, registration is required)
- uploading exercise solutions etc.
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- uploading exercise solutions etc.

- https://ilias3.uni-stuttgart.de
- login (st account) & password
Your schedule
Finding the available courses via C@MPUS:
Further hints
Some further hints ...

- create a computer account here in the building
  - go to help desk in the computer lab near the southern entrance of the building (with your student ID card)
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- if you‘re on the waiting list for a dorm, make sure that you confirm regularly at the „Studierendenwerk“ that you‘re still searching for a room

Some institutes offer block courses (e.g. IAAS); please check the institutes‘ websites & C@MPUS

be aware that exams may take place during the lecture-free period

the International Center (Pfaffenwaldring 60) offers lots of help for international students – they‘re waiting for you to get your welcome package there!
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Some more further hints ...

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- further institutions to get information & help:
  - Examination Office (*Prüfungsamt*)
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  - Admissions Office (*Studiensekretariat*)
    - German students: Pfaffenwaldring 5c, 2nd floor
    - foreign students: Pfaffenwaldring 5c, 1st floor
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  - Centre for International Students (*Internat. Zentrum*)
    - welcome service – get your welcome package!
    - international mentoring, learning groups, student associations, leisure activities, etc.
    - Pfaffenwaldring 60
Even more further hints ...

further institutions to get information & help:

- Oecumenic Centre (Ökumenisches Zentrum, ÖZ)
  - Allmandring 6 (Vaihingen)
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- Oecumenic Centre (Ökumenisches Zentrum, ÖZ)
  - Allmandring 6 (Vaihingen)
- Student Services (Studierendenwerk)
  - housing (make sure you stay on waiting list!), childcare, legal advice, social advice, psychological support, finances, disabilities, ...
  - Rosenbergstraße 18 (Stuttgart centre)
Even more further hints ...

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  - Rosenbergstraße 18 (Stuttgart centre)
- Welcome Center Stuttgart
  (https://welcome.stuttgart.de/welcomecenter/en/)
  - help in many areas for new students
Some dates to save ...

- Welcome Reception for International MSc students: October/November 2019
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- binding exam registration period: May 8-29
Some dates to save ...

- Welcome Reception for International MSc students: October/November 2019
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- end of lecture period: July 19

Public holidays: April 19, April 22, May 1, May 30, June 20 (shops etc. closed!)

Pentecost break: June 10 to June 14
Some dates to save ...

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In case of any questions ...

... please ask:

- **Stefanie Anstein**

  co-program manager, student advisor & contact person examination committee

  office: 01.006 in Pfaffenwaldring 5b
  stefanie.anstein@ims.uni-stuttgart.de

  - if in doubt, ask – the sooner the better :)

Welcome at the University of Stuttgart!

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- colleagues at the International Service Point of faculty 5
  [https://opencms.uni-stuttgart.de/fak5/fakultaet/studium/international-service-point/index.html](https://opencms.uni-stuttgart.de/fak5/fakultaet/studium/international-service-point/index.html)
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