Master of Science
Welcome to the University of Stuttgart
Computer Science

Stefanie Anstein / Katrin Schneider
Overview

• Who is who?
• Your academic advisor
• General plan of the program
• Exam regulations & exam registration
• Module handbook
• Platforms: C@MPUS, ILIAS
• Further hints
• Questions?
Who is who?
Who is who?

Dean of the faculty: Prof. Dr.-Ing. Manfred Berroth
  • Highest representative

Dean of the study programs: Prof. Dr. Stefan Funke
  • Responsible for the study programs of the department

Head of the examination board of the program M.Sc. Computer Science:
Prof. Dr. Melanie Herschel
Professors for the Major Autonomous Systems

Prof. Sven Simon
Institute for Parallel and Distributed Systems
Section Parallel Systems

Prof. Kurt Rothermel
Institute for Parallel and Distributed Systems
Section Distributed Systems

Prof. Marc Toussaint
Institute for Parallel and Distributed Systems
Machine learning and Robotics Lab
Professors for the Major Service Technology and Engineering

Prof. Bernhard Mitschang
Institute for Parallel and Distributed Systems – Section Applications of Parallel and Distributed Systems

Prof. Frank Leymann
Institute of Architecture of Application Systems

Prof. Melanie Herschel
Institute for Parallel and Distributed Systems – Section Data Engineering

PD Dr. Holger Schwarz
Institute for Parallel and Distributed Systems – Section Applications of Parallel and Distributed Systems
Professors for the Major Visual Computing

Prof. Thomas Ertl
Institute for Visualization and Interactive Systems – Section Graphic-Interactive Systems

Prof. Daniel Weiskopf
Institute for Visualization and Interactive Systems – Section Visualization

Prof. Andrés Bruhn
Institute for Visualization and Interactive Systems – Section Intelligent Systems
If you need help / in case of any questions

**Dr. Stefanie Anstein**
Student Advisor
Institute for Natural Language Processing
Pfaffenwaldring 5b; Room 1.006

**Dr. Katrin Schneider**
Program Manager
Central Service Computer Science
Universitätsstr. 38; Room 1.416
Your Academic Advisor
Your academic advisor

- Exam regulations require an academic advisor for every student
  - academic advisor supports students in planning the individual curriculum
  - individual plan for the program has to be verified by the advisor (progress certificate)
  - great variety of elective & catalogue modules – academic advisor can give hints for useful combinations
- Academic advisor
  - can be a professor or member of research staff of the Computer Science department
  - helps to finish the program successfully
  - will be decided after the first semester
  - you will get an email once they are chosen
# Progress certificate MSc Computer Science

**Name:**  
**Matriculation number:**  
**Major (study profile):**  
**Advisor:**

<table>
<thead>
<tr>
<th>Selected modules from <strong>CORE</strong> for the chosen profile (24 Credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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<tr>
<th>Selected module from <strong>EXTENDED</strong> for the chosen profile (12 credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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<th>Selected modules from <strong>BREADTH</strong> for the chosen profile (12 credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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<tr>
<th>Selected <strong>ELECTIVE</strong> modules (30 credits)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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**Obligatory Modules**  
- Theoretical & methodological foundations of:  
- Advanced seminar:  
- Key Qualification:

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<th>Any additional modules (that do not belong to one of the other categories)</th>
<th>Grade</th>
<th>Confirmation by advisor</th>
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**MSc Computer Science (International/English)**

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

<table>
<thead>
<tr>
<th>Term</th>
<th>Compulsory</th>
<th>Breadth</th>
<th>Core</th>
<th>Core</th>
<th>Extended</th>
<th>S</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Theoretical and Methodological Foundations 6</td>
<td>Catalog Breadth 6</td>
<td>Core 6</td>
<td>Core 6</td>
<td>Catalog Extended 6</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>Seminar 3</td>
<td>Catalog Breadth 6</td>
<td>Core 6</td>
<td>Core 6</td>
<td>Catalog Extended 6</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Key Qualifications (SQ) 3</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>3</td>
<td>Options: Catalogs, Research Project, &quot;Fachpraktikum&quot;, External Courses (&quot;Nebenfach&quot;), Studies Abroad</td>
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<td>30 30</td>
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<tr>
<td>4</td>
<td>Master Thesis</td>
<td></td>
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<td>30 30</td>
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</table>
Plan of the program

- Suggestion how to go through the program – changes in the order of modules are allowed

- Contains information about:
  - 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 qualifications (3 CP)
      - Obligatory for all students of the University – registration necessary (previous to the start of the semester)
Plan of the program

• Catalogue modules
  • Specific contents for each major – rules:
    • 4 modules from CORE (in total 24 CP)
    • 2 modules from EXTENDED (in total 12 CP)
    • 2 modules from BREADTH (in total 12 CP)
    • ELECTIVES (3rd semester): further modules (in total 30 CP) from the catalogues (CORE, EXTENDED, BREADTH) – also from the other majors of CS or from other Master programs of the University of Stuttgart
    • 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 when confirmed by the examination board
    • Examination board can decide to include further modules in the catalogues, if necessary
• Last semester: Master thesis
  • Only a professor from the Computer Science Department is allowed to define a topic.
  • You have to have at least 60 CP to start.
• Rules for Master thesis:
  • Duration: 6 months – can be extended ONCE by at maximum 3 months (only for certain reasons; examination board will decide)
  • Has to be written in English & a talk has to be given
  • Guidelines how to hand in the Master thesis: see website examination board
  • Will be evaluated by 2 professors
  • Can be repeated only once
Exam regulations & exam registration
Exam regulations

• Binding version in German; indicative version in English, see website
• Document describes what is possible or not during the program.
• Summary (see also handout):
  • 4 semesters = normal duration of the program
  • at most 9 semesters (please check your visa & ask the German embassy or the consulate of your home country – not all students are allowed to stay longer than 4 semesters)
  • lists all obligatory modules & describes the restrictions for the catalogues and the elective modules
Exam regulations

• Regarding examinations
  • Exams can be oral or written: PL (written/oral exam), BSL (graded course achievement), USL (ungraded course achievement)
  • You have to register for exams
  • You can de-register from any exam until 7 days before it takes place – later de-registration is only possible when you are ill (doctor’s certificate!) & examination board has to decide about the acceptance or rejection of the certificate
  • You cannot de-register from exam repetition
Exam regulations

• Exam repetition
  • You can only repeat exams you have failed
  • One repetition is allowed for each exam – no influence on the grade
  • 2nd repetition is allowed only 3 times during the whole program
  • If a student fails a 2nd repetition, an oral exam will follow 2 to 6 weeks later
  • 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 it!
Exam registration

• One online registration period for **binding** exam registration in each semester
  • You are not allowed to attend exams without having registered during this period

• Online via the C@MPUS-System
  • Login & password necessary
  • Registration / de-registration
  • For oral exams, please also inform the responsible lecturer / professor

• Hints:
  • Sometimes de-registration is not possible via C@MPUS => examination board (oral exams)
  • To be sure, take a screenshot of your (de-)registrations
Module handbook
Module handbook

- Collection of all modules that belong to a program
- Can be found in the C@MPUS system (see screenshot below)
- If a module is not mentioned in the MHB, it is not part of your program, BUT you can ask the examination board for permission to use it for your program (with good motivation)
- Each module description includes an overview over contents/aims, name of the person responsible & the lecturer, CP, SWS, literature, exam number, …
Platforms: Campus and ILIAS
C@mpus

- Online platform for
  - the current courses and their modules
  - creating a personal schedule (via non-binding registration for courses)
  - downloading certificates
  - registering / de-registering exams
  - an overview of your personal examination results (gained credit points; transcript)

- Login (st-account@stud-uni...) & password
- http://campus.uni-stuttgart.de
• Online platform for
  • providing slides & further seminar/exercise information (you get linked to the courses via C@mpus; in some cases, registration is required)
• Login (st-account) & password
• https://ilias3.uni-stuttgart.de
Schedules for the majors (handed out)
Courses offered
Academic year 2016/17

Modules

Some further hints ...
Some further hints …

- Create a pool account here in the building
  - Go to help desk in the pool near the southern entrance of the building (student ID card)
  - Forward your student mail to your private account if you don‘t read it directly!

- Make sure you read your emails from the st account.

- 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. Get your welcome package there!
Dates to save …

• Exam registration this semester: November/December, see http://www.uni-stuttgart.de/pruefungsamt/termine/anmeldetermine/index.en.html

• Days without lectures:
  – Nov 1, 2018

• End of lecture period (start of exam period): February 9, 2019, see https://www.uni-stuttgart.de/en/study/application/academic-calendar-00001/index.html

• Welcome reception for the international students of our faculty: Friday, October 26, 2018; 5:30-7pm; V38.01

• “Your Start in Stuttgart”: Wednesday, November 7, 2018; 6pm, Town Hall Stuttgart
Do you have any questions?

Stefanie Anstein and Katrin Schneider

e-mail
stefanie.anstein@ims.uni-stuttgart.de
katrin.schneider@informatik.uni-stuttgart.de

Institute for Natural Language Processing
Pfaffenwaldring 5b, room 01.006
University of Stuttgart

Central Cervices Computer Science
Universitätsstraße 38, room 1.416