



Universität Stuttgart



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co-program manager

**WELCOME**  
to the program  
**Master of Science**  
*Computer Science*

October 2020

# Overview

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**Who is who?**

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# General responsibilities

- **Dean of the study programs: Prof. Dr. Stefan Funke**

Responsible for the organization of all study programs of the department

<https://www.f05.uni-stuttgart.de/fakultaet/personen/Funke-00005/>



- **Head of the examination board of the program M.Sc. Computer Science: Prof. Dr. Daniel Weiskopf**

Responsible for deadline extensions, registration withdrawals, etc.

<https://www.vis.uni-stuttgart.de/en/institute/team/Weiskopf-00007/>



# In case of any organizational questions ...

- **Dr. Stefanie Anstein:**

Student Advisor / Co-program manager

Pfaffenwaldring 5b, office 1.006

<https://www.ims.uni-stuttgart.de/institut/team/Anstein-00002/>



- **Dr. Katrin Schneider:**

Program manager

Universitätsstr. 38, office 1.416

[https:](https://www.f05.uni-stuttgart.de/fakultaet/personen/Schneider-00001/)

[//www.f05.uni-stuttgart.de/fakultaet/personen/Schneider-00001/](https://www.f05.uni-stuttgart.de/fakultaet/personen/Schneider-00001/)



**Your academic advisor**

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## Your academic advisor ...

- supports you in planning your individual curriculum
- 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)

# General plan of the program

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# 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)

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]	Core modules worth 6CP	Extended modules worth 6CP	Breadth modules worth 6CP	Elective modules worth 6CP	30
	Key Qualification („SQ“) [3CP]					
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.

# Compulsory subjects

- Theoretical & Methodological Foundations of <your major> (6 CP; either offered in winter or summer term; filled with a course with a different name)
- Advanced Seminar Computer Science (3 CP; 2nd semester earliest):
  - seminar to get acquainted with research methodologies and scientific work
- Key qualification (3 CP; 2nd semester earliest):
  - 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
  - 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
  - examination board can decide to include further modules in the catalogues, please send a formal request via S. Anstein

# Master thesis

- you can register your thesis once you've gained 60 CP
- duration: 6 months

# Exam regulations & exam/module registra- tion

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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)
  - 4 SWS = “Semesterwochenstunden” = 3h per week (2x90min) = 6 ECTS credit points
  - 1 ECTS credit point = 30h student’s time

# Exam regulations – regarding examinations

- exams can be written or oral: PL (written/oral exam), BSL (graded course achievement), USL (ungraded course achievement)
- graded exam:  
1,0 (excellent) / 1,3 / 1,7 ...– 4,0 (acceptable)
- hint: there might be some preconditions to fulfill in order to be allowed to take part in an exam, e.g. homework etc.
- you have to register for exams in C@MPUS
- 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)
- you cannot de-register from exam repetitions

# Exam regulations – regarding exam repetitions

- you can only repeat exams you have failed
- one repetition is allowed for each failed exam – no influence on the grade
- 2nd repetition is allowed only 3 times during the whole program (contact us if you get that far)
- 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
- you are not allowed to attend exams without having registered during this period
- dates: [www.student.uni-stuttgart.de/en/exams/deadlines](http://www.student.uni-stuttgart.de/en/exams/deadlines)
- 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

# Module handbook

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# The module handbook ...

- is a collection of all modules that belong to a program
- 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 ...

The screenshot displays the C@MPUS interface. On the left, the 'Curriculum' page for 'Academic year 2018/19' is visible, featuring a 'Node filter-Name' section with a tree view of modules: [979-2013] Computer Science, [100] Study Profiles, [200] Elective, [900] Interdisciplinary Key Qualification, [B1150] Masterarbeit Computer Science, and [DV] 3rd attempts. A large black arrow points from the [979-2013] Computer Science node to a preview window on the right. The preview window shows the title page of the 'Modulhandbuch Studiengang Master of Science Computer Science' (Prüfungsordnung: 979-2013) for 'Wintersemester 2018/19', dated 'Stand: 01.10.2018'. The footer of the preview window reads 'Universität Stuttgart Keplerstr. 7'. The bottom left of the main interface shows '©2019 University of Stuttgart. All rights reserved. | C@MPUS'.

# Platforms: C@mpus and ILIAS

# C@mpus is the online platform for ...

- finding the currently offered courses and their modules
  - creating a personal schedule (via **non-binding** registration for **courses**)
  - downloading certificates
  - registering exams (via **binding** registration for **modules**) and de-registering
  - getting an overview of your personal examination results (gained credit points; transcript)
- 
- <http://campus.uni-stuttgart.de>
  - login (st1234567@stud-uni...) & password

# 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)
- uploading exercise solutions etc.
  
- <https://ilias3.uni-stuttgart.de>
- login (st account) & password

The screenshot shows the ILIAS interface for Universität Stuttgart. At the top, a dark header contains the text "Universität Stuttgart - Lehre & Lernen online". Below this is the university logo and a breadcrumb trail: "Repository » Engineering » Computer Science » Lehrveranstaltungen Sommersemester 2019". The main heading is "Lehrveranstaltungen Sommersemester 2019" with a folder icon. Below the heading are tabs for "Content" and "Info". A green-bordered box contains a notice: "Hinweis: Sowohl das Anlegen von jeglichen semester-/lehrveranstaltungsbezogenen ILIAS-Kursen als auch das Übertragen von Kursen in ILIAS geschieht ab dem WS 17/18 nur noch über C@MPUS. Die ILIAS-Kurse werden durch C@MPUS übertragen. Direkt in ILIAS können in dieser Kategorie grundsätzlich keine Kurse mehr angelegt werden." Below this is a "COURSES" section with three entries, each with an icon and a title:

- IPMS** Advanced Information Management  
**PD Dr. Holger Schwarz**, Lecture and exercises, summer term 2019  
Registration: No Registration Possible  
Availability: 28. Mar 2019, 10:55 - 30. Sep 2020, 23:55  
*To access this item you need to be logged in and to have appropriate permissions.*
- AW** Advanced Software Engineering: Non-Functional Aspects in Software Engineering  
Registration: No Registration Possible  
*To access this item you need to be logged in and to have appropriate permissions.*
- IPMS** Advanced Topics In Data Management  
**Prof. Dr. Bernhard Mitschang, PD Dr. Holger Schwarz**, Advanced Seminar, Summer term 2019  
Registration: No Registration Possible  
Availability: 24. Feb 2019, 13:00 - 30. Mar 2020, 13:00  
*To access this item you need to be logged in and to have appropriate permissions.*

**Your schedule**

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# Finding your courses via C@MPUS:

University of Stuttgart  
Germany

## C@MPUS

Home

Favourites

- Calendar
- My Examination Dates
- My Achievements
- My Degree Programme
- My Courses
- C@MPUS Documentation

<input type="checkbox"/>	<input type="checkbox"/>	[979-2013] Computer Science		Yes		120
<input type="checkbox"/>	<input type="checkbox"/>	▲ [100] Study Profiles		Yes		
<input type="checkbox"/>	<input type="checkbox"/>	▲ [110] Visual Computing		Yes		
<input type="checkbox"/>	<input type="checkbox"/>	▲ [111] Compulsory		Yes		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [46760] Theoretical and Methodological Foundations of Visual Computing		Yes		6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [46761] Theoretical and Methodological Foundations of Visual Computing		Yes	1.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [46762] Vorleistung		Yes	1.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [467601] Vorlesung Theoretische und Methodische Grundlagen des Visual Computing		Yes	1.	

Lectures in academic year	Part	Lecturer	Status	Place (1st session)	Time (1st session)
2019/20	Part	Weiskopf	BF	Universität	14.10.19



**Further hints**

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## Some further hints ...

- Forward your student mail to your private account if you don't read it directly!
- 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! Additional hint: couchsurfing ...
- Some institutes offer block courses (e.g. IAAS); please check the institutes' websites & C@MPUS.
- Please 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!

## Some more further hints ...

- German language course (or “Tandem”) advisable (C@MPUS – Central Facilities – Language Center)
- further institutions to get information & help:
  - Examination Office (*Prüfungsamt*)
    - Pfaffenwaldring 5c, 3rd floor
  - Admissions Office (*Studiensekretariat*)
    - German students: Pfaffenwaldring 5c, 2nd floor
    - foreign students: Pfaffenwaldring 5c, 1st floor
  - Centre for International Students (*Internat. Zentrum*)
    - welcome service
    - international mentoring, learning groups, student associations, leisure activities, etc.
    - Pfaffenwaldring 60
  - Student Counseling Center (*Zentrale Studienberatung*)
    - general questions
    - courses on studying efficiently etc.
    - Pfaffenwaldring 5c

## Even more further hints ...

further institutions to get information & help:

- Student Services (*Studierendenwerk*)
  - housing, childcare, legal advice, social advice, psychological support, finances, disabilities, ...
  - Rosenbergstraße 18 (Stuttgart centre)
- Welcome Center Stuttgart  
(<https://welcome.stuttgart.de/welcomecenter/en/>)
  - help in many areas for new students

## Some dates to save ...

- open question session: Nov 2, 1:10-1:50pm, SA webex
- Welcome Reception for International MSc students:  
November 2020 online
- Winter break: Dec 23 to Jan 6 (both included)

# 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](mailto:stefanie.anstein@ims.uni-stuttgart.de)

- if in doubt, ask – the sooner the better :)
- colleagues at the International Service Point of faculty 5  
[www.f05.uni-stuttgart.de/studium/international-service-point/](http://www.f05.uni-stuttgart.de/studium/international-service-point/)

Welcome at the University of Stuttgart!