



Universität Stuttgart



Stefanie Anstein
student advisor

WELCOME
to the program
Master of Science
Computer Science

October 2022

Overview

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Who is who?

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General responsibilities

- **Dean of the study programs: Prof. Dr. Andrés Bruhn**
Responsible for the organization of all study programs of the department
<https://www.vis.uni-stuttgart.de/en/institute/team/Bruhn-00001>



- **Head of the examination board of the program M.Sc. Computer Science: Prof. Dr. Melanie Herschel**
Responsible for deadline extensions, registration withdrawals, etc.
<https://www.f05.uni-stuttgart.de/fakultaet/personen/Herschel>



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/stefanie.anstein@ims.uni-stuttgart.de>



- **Dr. Katrin Schneider:**

Program manager

Universitätsstr. 38, office 1.416

www.f05.uni-stuttgart.de/fakultaet/personen/Schneider-00001/katrin.schneider@informatik.uni-stuttgart.de



In case of any general questions ...

... please ask:

- the coordinators of the International Service Point (ISP)
Meta Geisbüsch, L.L.M. & Laura Busch, M.A.
 - support and contact point for the faculty's international students
 - promoting further internationalization at our faculty
 - events & networking activities for and with international students
 - E-Mail: internationalstudents@f05.uni-stuttgart.de
 - +49 (0)711 68567926 (Meta) / +49 (0)711 685 67277 (Laura)
 - in person during their office hours in Pfaffenwaldring 47, Room 4.270 or online (on appointment)
- stay informed via
www.f05.uni-stuttgart.de/en/faculty/international-students
and LinkedIn



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**
1	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](#).

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

***) Either offered in winter or summer term.

****) To be taken in the second semester at the earliest.

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 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

Exam regulations

- binding version in German & indicative version in English:
www.student.uni-stuttgart.de/en/study-programs/Computer-Science-M.Sc-00002./?page=examinations
- lists all obligatory modules & describes restrictions for the catalog modules, states (repetition) rules, deadlines etc.
- info on extensions and exceptions etc. (for academic accommodations due to special circumstances see also www.student.uni-stuttgart.de/en/organizing-studies/disability)
- most important rules (see also handout):
 - 4 semesters = regular duration
 - max. 9 semesters (independent of visa)
 - 4 SWS/SH/SSSt = “Semesterwochenstunden” = 3h per week (2x90min) = 6 ECTS credit points
 - 1 ECTS credit point = 30h student’s time (workload and weighting for average)

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're in that situation)
- 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

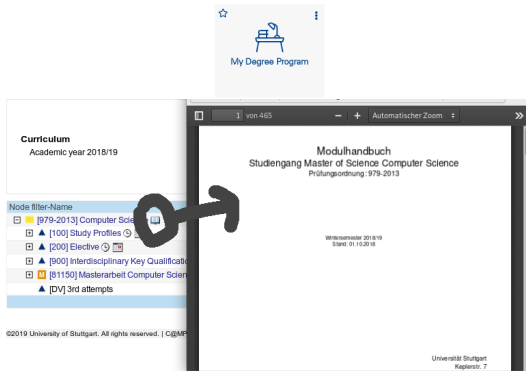
- one online registration period for binding exam registration in each semester via the C@MPUS system
- you are not allowed to attend exams without having registered during this period
- dates: `www.student.uni-stuttgart.de/en/exams/deadlines`
- hints:
 - sometimes de-registration is not possible via 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
- each module description includes an overview over contents/aims, name of the person responsible & the lecturer, CP, literature, exam ...
- can be found in the C@MPUS system:



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 displays the ILIAS web interface. At the top, a dark header bar contains the text "Universität Stuttgart - Lehre & Lernen online". Below this is the University of Stuttgart logo. A breadcrumb trail reads "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 box contains a notice: "Hinweis: Sowohl das Anlegen von jeglichen semester-/lehrveranstaltungsbezogenen ILIAS-K... Stuttgart geschieht ab dem WS 17/18 nur noch über C@MPUS. Die ILIAS-Kurse werden durc... übertragen. Direkt in ILIAS können in dieser Kategorie grundsätzlich keine Kurse mehr ang...". The "COURSES" section lists three items:

- 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.
- 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.
- 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 (3.) My Examination Dates My Achievements My Degree Programme (1.) My Courses C@MPUS Documentation

[979-2013] Computer Science Yes 120

[100] Study Profiles Yes

[110] Visual Computing (O) → schedule Yes

[111] Compulsory Yes

[46760] Theoretical and Methodological Foundations of Visual Computing Yes 6

[46761] Theoretical and Methodological Foundations of Visual Computing Yes 1.

[46762] Vorleistung Yes 1.

[467601] Vorlesung Theoretische und Methodische Grundlagen des Visual Computing Yes 1.

Lectures in academic year 2019/20	Part (Assistant)	Status	Place (1st session)	Time (1st session)
020961000 19W 3SH L Theoretical and Methodological Foundations of Visual Computing	Weiskopf	BF	Universität 38 - V 38.02 (UN38/EG/V	14.10.19 11:30 - 13:00

Stefanie Anstein: intro M.Sc. CS

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 Office, in addition to the ISP, offers lots of help for international students – they're waiting for you to get your welcome package there!
- Open learning space for maths and computer science questions: www.mint.uni-stuttgart.de/angebote/offener-lernraum
- “Makerspace” on campus Vaihingen for conducting individual projects: <https://uni-stuttgart.de/maked-digital>

Some more further hints ...

- German language course advisable (via “Language Center” in C@MPUS, or self-organized as “Tandem”)
- further institutions to get information & help:
 - Examination Office & Admissions Office
 - Pfaffenwaldring 5c
 - International Office (*Internationales Zentrum*)
 - welcome service
 - international mentoring, learning groups, psycho-social counselling, student associations, leisure activities, help with German forms etc.
 - Pfaffenwaldring 60

Even more further hints ...

further institutions to get information & help:

- Student Counseling Center (*Zentrale Studienberatung*)
 - general and specific questions, e.g. disabilities, chronic illness
 - contact point for all unclear issues
 - courses on studying efficiently etc., see <https://www.student.uni-stuttgart.de/en/counseling/zsb/learning-counseling/>
 - Pfaffenwaldring 5c
- Student Services (*Studierendenwerk*)
 - housing, childcare, legal advice, social advice, psychological support, finances, disabilities, ...
 - <https://www.studierendenwerk-stuttgart.de/en>
- Student representatives CS
<https://fius.informatik.uni-stuttgart.de/index.php/en/startpage/>
 - support among students (e.g. old exams, social life etc.)
- “Ombudsperson”: a neutral and confidential contact person for people in need of support in university conflicts:
www.student.uni-stuttgart.de/en/counseling/ombudsperson

Even more further hints ...

further institutions beyond the university to get information & help:

- Welcome Center Stuttgart
(<https://welcome.stuttgart.de/welcomecenter/en/>)
 - help in many areas for new students: Welcome Club, Job Centre etc.
- German job centre 'Agentur für Arbeit':
<https://www.arbeitsagentur.de/en/welcome> (student job board etc.)
- Nightline Tübingen: an anonymous, confidential, unprejudiced and independent evening hotline (also available in English):
<https://nightline-tuebingen.de/>

Some dates to save ...

- registration for additional German language courses:
October 10-18, 2022 via C@MPUS
- binding module exam registration period: Nov 16 - Dec 8
- public holiday (shops etc. closed!): Tue, Nov 1, 2022
- winter break 2022/23: Fri, December 23, 2022 to Saturday, January 07, 2023 (both inclusive)
(see also
www.uni-stuttgart.de/en/study/application/academic-calendar/)
- Erasmus exchange semester – info meeting: TBA

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, please ask – the sooner the better! :)

(... and please use cc instead of single e-mails
if you contact several persons about the same issue, thanks.)

- (for more general issues):

Meta and Laura at the International Service Point of faculty 5
`www.f05.uni-stuttgart.de/studium/international-service-point/`

Welcome at the University of Stuttgart!