



Universität Stuttgart



Institut für  
Maschinelle  
Sprachverarbeitung

Stefanie Anstein  
& student representatives

**WELCOME**  
to the program  
**Master of Science**  
*Computational Linguistics*

April 2021

# Overview

- 1 Introduction – who we are ...
- 2 Program of study: M.Sc. CL
- 3 Useful information
- 4 Next steps

**Introduction – who we  
are ...**

**1**

# IMS chairs / teams / research groups

- **Prof. Sebastian Padó**, PD Dr. Klinger, Ms. Troiano & many more:



semantics, multilinguality, text mining,  
psycholinguistics & much more

- **Prof. Jonas Kuhn**, Prof. Reyle, Prof. Schulte i.W. & many more:



syntax, research infrastructure, digital  
humanities & much more

- **Prof. Thang Vu**, Dr. Schweitzer, Dr. Wokurek & many more:



digital phonetics, speech recognition/synthesis,  
deep learning, dialogue systems & much more

- **Jun.-Prof. Carina Silberer** & her group:

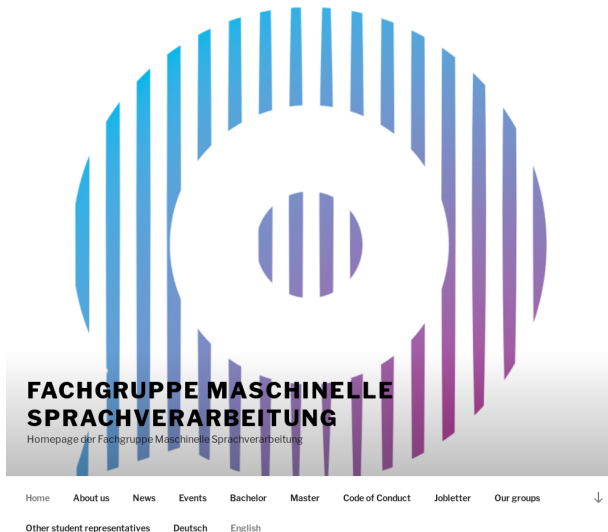


semantic models via machine learning, language  
and vision & much more

- **Emmy Noether Group** 'Computational Models of Misunderstanding':  
**Dr. Michael Roth**

- **BMBF group E-DELIB** 'Powering up E-DELIBeration: towards AI-supported moderation': **Dr. Gabriella Lapesa**

# Student representatives MSV / CL



**Program of study:  
M.Sc. CL**

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# Program of study

- regular duration: 4 semesters (max. duration: 9 sem.)
- consists of several **modules**
  - module duration: 1-2 semesters
  - can contain 1 (or more) **course(s)**  
(= lectures, seminars, lab sessions ...)
- module descriptions: module handbook, see C@MPUS
- ECTS credit point (CP) = *Leistungspunkt* (LP)
  - measurement of working load (1 CP = 30h)
  - 2 SWS = 1,5h/week = 3 CP/semester
  - 120 CP needed for M.Sc. degree;  
30 CP per semester = 20 SWS = 10 x 1,5h per week
  - are given for complete modules after last successful exam

# Study plan suggestion (flexible!)

program structure MSc CL PO 2017, Uni Stuttgart

Semester	Obligatory modules	Elective modules	Other	ETCS Credit Points
1 (WiSe)*	<b>Methods in CL</b> ** [8SWS*** 12CP]	<b>Elective courses</b> worth ca. 18CP		30
2 (SoSe)*	<b>CL Team Lab</b> ° [4SWS 6CP]	<b>Elective courses</b> worth ca. 18CP	<b>Key competences</b> °° [2SWS 3CP]	27
3 (WiSe)*	<b>CL Research Module</b> ** [4SWS 9CP]	<b>Elective courses</b> worth ca. 24CP		33
4 (SoSe)*	<b>Master's thesis</b> [30CP]			30
Colour key:	IMS	IMS & Computer Science / Linguistics Departments	across UniS	

\*) For a start in the summer semester, it is recommended to interchange obligatory modules.

However, the CL Team Lab is not recommended for 1st semester students without background in CL.

\*\*\*) Offered in winter semesters

\*\*\*) 2 SWS = 1,5h/week

°) Offered in summer semesters

°°) Is also possible in any other semester



# Program of study ctd.

## Details about modules

- “Methods in Computational Linguistics”  
(12 credit points; first (winter) semester; highest priority!  
option for CL graduates: choose advanced courses, see C@MPUS)
- “Computational Linguistics Team Laboratory”  
(6 credit points; second semester)

# Program of study ctd.

Elective modules (60 credit points)

- choose 1 primary catalogue (at least 18 credit points) and 2 secondary catalogues (at least 6 credit points each)
- choose primary/secondary catalogues from
  - Core Computational Linguistics
  - Applied Natural Language Processing
  - Speech Processing
- the remaining modules (30 credit points) can be chosen freely from all offered catalogues (largest choice: Computer Science)

# Program of study ctd.

Elective modules (60 credit points)

- if a module is not (yet) listed in our module handbook, ask S. Anstein if it can be imported
- special module: “Project Seminar Computational Linguistics” (2 SWS → 6 CP by doing additional project on top of an IMS seminar)
- special module: “R&D Practical Project for CL” (6 CP for external internship or independent research project)
- Erasmus CPs can also be used as electives

**Please note:** Each course can be used only once – to prove this and to help us entering your grades, you’ll need to submit your course-module mapping each semester (see email reminder). You can find the possible mappings in C@MPUS.

# Program of study ctd.

Key competences (3 credit points)

- modules for general competences
  - e. g. presentation modalities, time / project / knowledge management, ...
  - can be done in any semester; only online registration possible before semester start: <http://www.uni-stuttgart.de/sq>
  - can be found in C@MPUS at “Central facilities – Central Facility Zentrum für Lehre und Weiterbildung der Universität Stuttgart – Central office Fachübergreifende Schlüsselqualifikationen – Courses”
  - possible at the Language Center: advanced language courses
  - Language Center also offers SQ courses during semester breaks
  - You'll get an email with the registration dates!

# Program of study ctd.

Later obligatory modules

- Research module (9 credit points)
  - Research seminar
    - preparation for Master's thesis: read research papers / books, find a topic for your thesis, write proposal, present your thesis topic and pass oral exam
    - can be taken "remotely" (studying abroad, internship)
    - should be taken in 2nd semester by students who started in summer term
- Master's thesis (30 credit points)
  - need at least 60 credit points to start with Master's thesis

**Please note:** This is an idealised scheme of the program – you can do it differently, just don't exceed the maximum duration of 9 semesters! For students who start in summer term, an individual plan can be developed together with S. Anstein (according to your background).

**Useful information**

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# Useful information

- German language course / “tandem” advisable
  - binding version of University documents: in German
  - to make the most of your life in Germany :)
  - check C@MPUS > Central Facilities > Language Center > German > Section I: German as a Foreign Language: Interdisciplinary Key Qualifications (FSQ) > German as a Foreign Language: Special offer for study programs
- some students got a “conditional admission” (*Auflagen*)
  - see C@MPUS account; recommended to take the oral exam asap / programming course available in winter (no credits)
  - please register in Nov/May; you will get another email with more information
- please participate in evaluations
  - course evaluations, carried out during semester
  - module evaluations, carried out after end of semester/exams (by email)

## Useful information ctd.

- exam regulations (binding version: German; indicative translation link see handout)
  - important information is also available in English on the websites and on the handout (if in doubt, please ask!)
  - describe obligatory modules & define electives
  - determine number of possible repetitions and maximum length of the study, ...
  - <http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html>
- exams
  - oral or written exam (during the semester or at the end of the semester)
  - ungraded exam: passed / failed
  - 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, ...



## Useful information ctd.

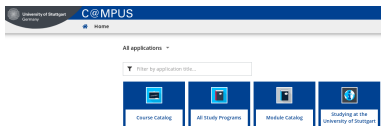
- registration for exams / **modules**
  - exact exam dates are announced in the lectures (can also take place in lecture-free period!)
  - register online in C@MPUS
  - each exam has to be registered during the registration period (as announced by the University: May/June & November/December) – otherwise participation is not possible (screenshot of registrations recommended)
  - info meeting TBA

## Useful information ctd.

- postponing / repeating exams
  - you can only repeat exams you have failed
  - you can withdraw from an exam until 7 days before the exam takes place (otherwise, a medical certificate is needed as soon as possible in order for the exam not to count as “failed”)
  - failed exams can be repeated once; this has to be done within 2 semesters; re-registration necessary!
  - 2 failed modules can be dropped
  - a second repetition of a module exam (type “PL”, see module handbook) is only allowed in 3 cases in total

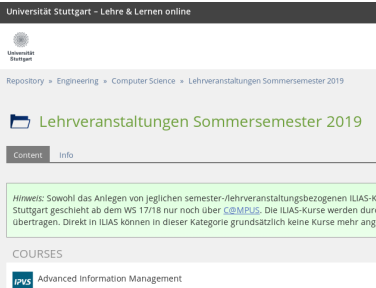
# Useful information ctd.

- C@MPUS online portal
  - contains all currently offered courses and the modules they can be used for
  - personal timetable can be created (by registering for courses: non-binding)
  - (de-)registration for exams
  - <https://campus.uni-stuttgart.de>



# Useful information ctd.

- ILIAS platform
  - is used to share information (slides, literature, ...) for courses (provided by the lecturers)
  - when you register the course in C@MPUS you will automatically be in the corresponding ILIAS course (if there is one for this course)
  - IMS offers a forum “Ask me anything” in ILIAS; path: Repository > Engineering > Maschinelle Sprachverarbeitung / Computational Linguistics > Arbeitsgruppen > Studying @ IMS
  - <http://ilias3.uni-stuttgart.de>



Universität Stuttgart - Lehre & Lernen online

Universität Stuttgart

Repository » Engineering » Computer Science » Lehrveranstaltungen Sommersemester 2019

**Lehrveranstaltungen Sommersemester 2019**

Content Info

*Hinweis:* Sowohl das Anlegen von jeglichen semester-/lehrveranstaltungsbezogenen ILIAS-Kursen in Stuttgart 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.

COURSES

IPUS Advanced Information Management

## Useful information ctd.

- more important information on the IMS website  
<http://www.ims.uni-stuttgart.de>
  - course of study, exam regulations
  - lecturers, staff & contact data
  - projects & publications
  - events & news
  - ...
- more space in (computer) working areas in Pfaffenwaldring 5c and in Universitätsstraße 38
- honor code: not to plagiarize (worst case: plagiarism can lead to exmatriculation)
- please read the IMS code of conduct:  
[www.msv-cl.de/code-of-conduct](http://www.msv-cl.de/code-of-conduct)

# Useful information ctd.

Further institutions at the university to get information & help:

- International Service Point of faculty 5 for general questions
  - [www.f05.uni-stuttgart.de/studium/international-service-point/](http://www.f05.uni-stuttgart.de/studium/international-service-point/)
- 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 (*Internationales Zentrum*)
  - welcome service – get your welcome package!
  - international mentoring, learning groups, student associations, leisure activities, help with German forms etc.
  - Pfaffenwaldring 60

# Useful information ctd.

Further institutions at the university to get information & help:

- Student Counseling Center (*Zentrale Studienberatung*)
  - general questions
  - courses on studying efficiently etc., see <https://www.student.uni-stuttgart.de/en/counseling/zsb/learning-counseling/>
  - Pfaffenwaldring 5c
- Student Services (*Studierendenwerk*)
  - housing (make sure you stay on waiting list!), childcare, legal advice, social advice, psychological support, finances, disabilities, ...
  - Rosenbergstraße 18 (Stuttgart centre)

Further institutions outside the university to get information & help:

- Welcome Center Stuttgart  
(<https://welcome.stuttgart.de/welcomecenter/en/>)
  - help in many areas for new students

**Next steps**

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# For you to do ...

- take a look at
  - the current course offerings for CL in C@MPUS
    - choose around 30 CP / 20 SWS / 10 slots (check course combinations)
    - hint: rather choose „lectures“ and overview / introductory courses in the beginning and „seminars“ on very specific topics only in the later course of studies (especially for non-CL graduates)
    - if you plan to focus on machine learning, work on your maths ...

## Some dates to save ...

- games night: Saturday, April 17, 7pm  
<https://discord.gg/GbFhsncS>
- open question session: Wednesday, April 21, 1:05-1:55pm, SA webex
- Whitsun break: May 25 to 28 (both included)
- public holidays: May 1, 13; June 3 (shops etc. closed!)  
(see also <https://www.uni-stuttgart.de/en/study/application/academic-calendar/>)

## Communication ...

- all enrolled students will get an IMS account including email account: `firstname.lastname@ims.uni-stuttgart.de`
- default forwarding to st12345 address (additionally: ILIAS email)
- account / linux introduction in Methods CL class

# In case of any questions ...

... please ask:

- **Stefanie Anstein**

degree 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, please ask – the sooner the better ...:)**

- our student representatives (room 00.015;  
[fscl@listserv.uni-stuttgart.de](mailto:fscl@listserv.uni-stuttgart.de); [msv-cl.de](http://msv-cl.de) – facebook groups)
- 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/)
- your IMS mentors – if interested, please drop me an email until April 22

## And now ...

- Follow us on our little virtual guided tour – see the student representatives' room and take a look into the computer lab!  
<https://youtu.be/W-jEeIyjrUE>
- Ask questions, if there are any ...

Welcome at the IMS!