Universität Stuttgart

Stefanie Anstein
& student representatives

Institut für
Maschinelle
Sprachverarbeitung

WELCOME
to the program
Master of Science
Computational Linguistics

October 2020

Overview

Introduction – who we are ...

IMS chairs / research groups

- **"Theoretical CL"**: **Prof. Sebastian Padó**, Dr. Klinger & many more

  semantics, multilinguality, text mining,psycholinguistics & much more

- **"Foundations of CL"**: **Prof. Jonas Kuhn**, Prof. Schulte i. W. & many more

  syntax, research infrastructure, digital humanities & much more

- **"Digital Phonetics"**: **Prof. Thang Vu**, Dr. Schweitzer & many more

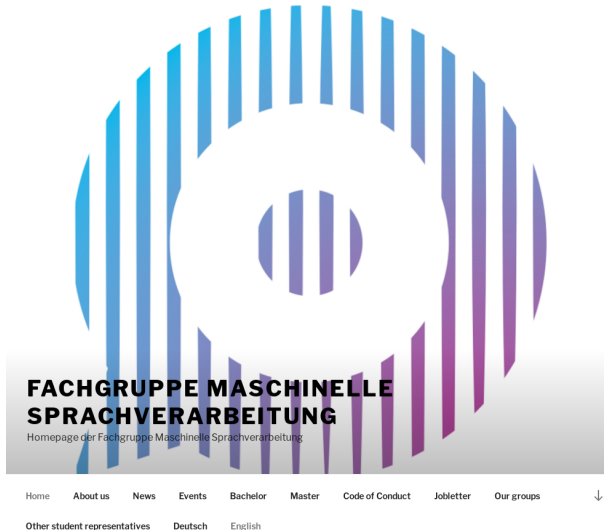 speech recognition/synthesis, deep learning, dialogue systems & much more

- **Junior professorship CL: Dr. Carina Silberer**

  semantic models via machine learning, language and vision

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

Student representatives MSV / CL

Program of study: M.Sc. CL

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)*	**Methods in CL **** [8SWS*** 12CP]	**Elective courses** worth ca. 18CP		30
2 (SoSe)*	**CL Team Lab °** [*4SWS 6CP*]	**Elective courses** worth ca. 18CP	**Key competences °°** [*2SWS 3CP*]	27
3 (WiSe)*	**CL Research Module **** [4SWS 9CP]	**Elective courses** worth ca. 24CP		33
4 (SoSe)*	**Master's thesis** [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 choosen 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 LP by doing additional project)

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

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
- 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 (on paper)
  - module evaluations, carried out after end of semester/exams (by email)

Useful information ctd.

- exam regulations (at the moment in German only)
    - 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, …
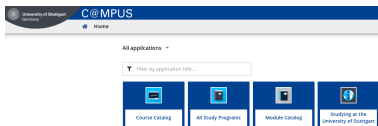
Useful information ctd.

- 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: Nov 24, 1:10-1:50pm, SA webex

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)
  - `http://ilias3.uni-stuttgart.de`

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`

Useful information ctd.

Further institutions at the university 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 (*Internationales Zentrum*)
  - welcome service – get your welcome package!
  - international mentoring, learning groups, student associations, leisure activities, help with German forms etc.
  - Pfaffenwaldring 60
- Student Counseling Center (*Zentrale Studienberatung*)
  - general questions
  - studying efficiently etc.
  - Pfaffenwaldring 5c

Useful information ctd.

Further institutions at the university to get information & help:

- 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 semester schedule extracted from C@MPUS
    (see below and on the IMS homepage)
    - 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 ...

- open question session: Nov 4, 1:10-1:50pm, SA webex
- Welcome Reception for International MSc students: November 2020 online
- winter break: Dec 23 to Jan 6 (both included)

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

- our student representatives (room 00.015;
  fscl@listserv.uni-stuttgart.de; msv-cl.de – facebook groups)

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

- your mentors (professors) – if interested, drop me an email
  until Oct 31

And now ...

- Follow us on our little virtual guided tour – see the student representatives' room and take a look into the computer lab!
- Ask questions, if there are any …

Welcome at the IMS!