WELCOME

to the program

Master of Science

„Computational Linguistics”

Institute for Natural Language Processing /
Institut für Maschinelle Sprachverarbeitung (IMS)
University of Stuttgart
Overview

Introduction – who we are . . .

Program of study: M.Sc. CL

Useful information

Next steps
Overview

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The IMS Chairs / Professors

- **Fundamentals of Computational Linguistics**
  (Head: Prof. Dr. Jonas Kuhn)

- **Theoretical Computational Linguistics**
  (Head: Prof. Dr. Sebastian Padó)

- **Experimental Phonetics**
  (Head: Prof. Dr. Grzegorz Dogil)

- **Junior Prof. Computational Linguistics**
  (Head: N.N.)
More IMS people

- lecturers and staff, e.g.
  ![Images of IMS staff members]
- student representatives
  (find them in the meeting room on the ground floor)
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Program of study

- regular duration: 4 semesters
- maximum duration: 9 semesters
- consists of several **modules**
  - module duration: 1-2 semesters
  - can contain 1 (or more) course(s) (lectures, seminars, ...)

- module descriptions to be found in the Handbook of Modules (*Modulhandbuch*)
  - [www.uni-stuttgart.de/bologna/modulhandbuecher](http://www.uni-stuttgart.de/bologna/modulhandbuecher)

- credit point = *Leistungspunkt* (LP)
  - measurement of working load & weight for the calculation of the final M.Sc. grade
  - 120 LP needed for M.Sc. degree
  - are given for complete modules after last successful exam
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**) offered only in winter semesters
*****) offered only in summer semesters
****) is also possible in any other semester
Program of study ctd.

Obligatory courses / modules

- “Methods in Computational Linguistics” (9 credit points)
- choose 2 out of 3 “Concentrations” (12 credit points each)
  - choose from
    - Computational Syntax and Semantics
    - Laboratory Phonology and Speech Processing
    - Statistical Natural Language Processing
  - each concentration consists of 3-4 courses that have to be passed
  - when necessary courses are passed → register → oral exam about attended courses
- “Computational Linguistics Team Laboratory” (6 credit points)
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S. Anstein: M.Sc. CL
Program of study ctd.

Electives (36 credit points)

- choose modules from the Master programs “Computational Linguistics”, “Computer Science”, “Electrical Engineering and Information Technology”, “Theoretical and Comparative Linguistics”, “Digital Humanities”

**Please note**: Each module can be counted only once – concentration modules are not allowed to be used as electives again and vice versa!

A completed “module table” has to be handed in to the examiners for both concentration exams and for each elective exam!

(see also MSc CL homepage – Examination/Assessment)
Module table for the Master „Computational Linguistics“

Name: __________________________  Matriculation no.: __________________________

I confirm the correctness of this module table and its consistency with the versions I submitted earlier. I know that I am not allowed to use any course for more than one module.

Date: __________________________   Signature: __________________________

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<tr>
<th>Module</th>
<th>Courses used for the module</th>
<th>Instructor</th>
<th>Course taken in which semester</th>
<th>Examiner</th>
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Program of study ctd.

Key competences (3 credit points)

- modules which provide general competences which may be helpful in your future life
  - 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 LSF by searching for all courses with the ‘number of lecture’ starting with 9
- possible at the Language Center: advanced language courses
- possible at the IMS: Python programming course (in English) as key competence
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Later obligatory modules

- Research module
  - Research seminar (9 credit points)
    - preparation for master thesis: read research papers / books, find a topic for your thesis
  - Research colloquium (3 credit points)
    - presentation of your (ongoing) Master thesis work
- Master thesis (30 credit points)
  - need at least 60 credit points to start with Master thesis
  - registration in the examinations office

Please note: This is an idealised scheme of the program – you can do it differently, just don’t exceed the maximum duration!
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Useful information

- German language course advisable
  - some important University documents exist in German only
  - to make the most of your life in Germany :)

- Some students have to fulfill conditions / requirements (Auflagen; recommended to do this ASAP) – please check in C@MPUS and register in ILIAS ("Auflagenmodul MSc CL: Grundlagen der Maschinellen Sprachverarbeitung") to get more information!
Useful information ctd.

- exam regulations (at the moment in German only)
  - describe obligatory modules & define electives
  - determines number of possible repetitions and maximum length of the study, . . .
  - important information also available in English on IMS homepage
    - [http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html](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, . . .
registration for exams

- exact dates are announced in the lectures or can be found here: [www.uni-stuttgart.de/pruefungsamt/atermine](http://www.uni-stuttgart.de/pruefungsamt/atermine)
- register online in the LSF (see below)
- for modules containing several courses, register only after finishing ALL parts (e.g. concentrations)
- 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)
postponing / repeating exams

- you can withdraw from an exam until 7 days before the exam takes place (otherwise, a medical certificate is needed as soon as possible so that the exam does not count as “failed”)
- failed examinations can be repeated once; this has to be done at the next possible date; re-registration necessary!
- a second repetition of an exam is only allowed in 3 cases in total
Useful information ctd.

- LSF online portal
  - „Lehre, Studium, Forschung“ – teaching, study, research
  - contains all offered lectures / seminars & their contents
  - (de-)registration for exams
  - overview over your exams and grades
  - personal time table can be created
  - [http://lsf.uni-stuttgart.de](http://lsf.uni-stuttgart.de)
Useful information ctd.

- platform ILIAS
  - web pages for sharing information (slides, literature, ...) for the respective lectures / seminars (provided by the lecturers)
  - 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
    - ...

http://www.ims.uni-stuttgart.de
Useful information ctd.

Further points at the university to get information & help:

- Examinations Office (*Prüfungsamt*)
  - Pfaffenwaldring 57 (Vaihingen)

- Admissions Office (*Studiensekretariat*)
  - German students: Keplerstraße 7 (Stuttgart centre)
  - Foreign students: Geschwister-Scholl-Straße 24B (Stuttgart centre)

- Centre for International Students (*Internationales Zentrum, IZ*)
  - Pfaffenwaldring 60 (Vaihingen)

- IMS mentoring by Prof. Padó & Prof. Kuhn
  - You’ll get an e-mail about this.
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For you to do ...  

- take a look at
  - the LSF
    - check which courses are offered this semester and if they can be used for your concentrations or as electives (under “Modules / Exams”)
    - 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 students with Bachelor degrees different from Computational Linguistics / Natural Language Processing)
  - semester time tables:
    http://www.ims.uni-stuttgart.de/studium/studierende/lehrveranstaltungen/index.en.html
  - ILIAS (for detailed information on courses)
  - the exam regulations (see also English information on the IMS website)
In case of any questions . . .

- concerning your study, please ask:
  - Stefanie Anstein
    office: 02.019 here in Pfaffenwaldring 5b
    stefanie.anstein@ims.uni-stuttgart.de
    - usual consultation hours:
      Monday, Wednesday, Friday: 10:30 - 11:30 a.m.
    - ...or make an individual appointment anytime :)

http://www.ims.uni-stuttgart.de
And now?

- Fill in the forms for your computer account at the IMS – check your IMS mail regularly or set a ’forward’!
- Follow us on our little guided tour – find the student representatives’ room and take a look into the computer pool!
- Have some typical Swabian food: *Apfelschorle* (apple juice with sparkling water) & *Brezeln* (pretzels)!
- Ask questions, if there are any . . .

Welcome at the IMS!