WELCOME
to the program
Master of Science
„Computational Linguistics”

Stefanie Anstein & IMS student representatives

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
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The IMS Chairs / Professors

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

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

- **Digital Phonetics**  
  (Head: Prof. Dr. Ngoc Thang Vu)

- **Junior Prof. Computational Linguistics**  
  (Head: N.N.)
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Program of study

- regular duration: 4 semesters (max. duration: 9 sem.)
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- consists of several **modules**
  - module duration: 1-2 semesters
  - can contain 1 (or more) **course(s)**
    (= lectures, seminars, lab sessions ... )
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- module descriptions: module handbook
  - C@MPUS
Program of study ctd.

- 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
  - are given for complete modules after last successful exam
### Study plan suggestion

Program structure MSc CL PO 2017, Uni Stuttgart

<table>
<thead>
<tr>
<th>Semester</th>
<th>Obligatory modules</th>
<th>Elective modules</th>
<th>Other</th>
<th>ETCS Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (WiSe)*</td>
<td>Methods in CL ** [8SWS*** 12CP]</td>
<td>Elective courses worth ca. 18CP</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>2 (SoSe)*</td>
<td>CL Team Lab ° [4SWS 6CP]</td>
<td>Elective courses worth ca. 18CP</td>
<td>Key competences ** [2SWS 3CP]</td>
<td>27</td>
</tr>
<tr>
<td>3 (WiSe)*</td>
<td>CL Research Module ** [4SWS 9CP]</td>
<td>Elective courses worth ca. 24CP</td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>4 (SoSe)*</td>
<td>Master's thesis [30CP]</td>
<td></td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>

**Colour key:**
- 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 semester)
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- “Methods in Computational Linguistics” (12 credit points; first semester)
- “Computational Linguistics Team Laboratory” (6 credit points; second semester)
Elective modules (60 credit points)

- choose 1 primary catalogue (at least 18 credit points) and
  2 secondary catalogues (at least 6 credit points each)
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
Program of study ctd.

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  - Core Computational Linguistics
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  - Speech Processing
- remaining modules (credit points) can be chosen freely from all offered catalogues
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
Program of study ctd.

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**Please note:** Each course can be used only once – to prove this, you have to upload a completed “module table” via ILIAS each semester.

**Download:** [http://www.ims.uni-stuttgart.de/studium/interessierte/studiengaenge/cl-msc/pruefung.en.html](http://www.ims.uni-stuttgart.de/studium/interessierte/studiengaenge/cl-msc/pruefung.en.html)
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 (from A2); Language Center also offers SQ courses during semester breaks
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 Master’s thesis work; oral exam

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

Some students got a “conditional admission” (Auflagen; see C@MPUS account; recommended to take the oral exam asap via registration in C@MPUS; you will get another email with details).
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Useful information ctd.

- Exam regulations (official version in German only)
  - Describe obligatory modules & define electives
  - Determine number of possible repetitions and maximum length of study, ...
  - Important information is also available in English on the IMS homepage and on the handout
- [http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html](http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html)
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- 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 prerequisites to fulfill in order to be allowed to take part in an exam, e.g. exercises, …
Useful information ctd.

- registration for exams / **modules**
  - exact exam dates are announced in the lectures
  - register online in C@MPUS
  - for modules containing several courses, register in the semester in which you will finish **all** parts
  - 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 (type PL) 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!
- a second repetition of a module exam 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 of/for exams
  - download documents (transcript, enrollment confirmation etc.)

https://campus.uni-stuttgart.de
Useful information ctd.

- ILIAS platform (linked to from C@MPUS courses)
  - is used to share information (slides, literature, ...) for courses (provided by the lecturers)
  - when you register for 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](http://www.ims.uni-stuttgart.de)
  - course of study, exam regulations
  - lecturers, staff & contact data
  - projects & publications
  - events & news
  - …
Useful information ctd.

Further institutions at the university to get information & help:
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- **Centre for International Students** (*Internat. Zentrum*)
  - welcome service – get your welcome package!
  - cross-cultural mentoring, info meetings, student associations, leisure activities, etc.
  - Pfaffenwaldring 60
Useful information ctd.

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- STUVUS (student representation of the whole university)
  - help with housing *Sofas für Studis*, social events etc.
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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)
  - 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)
Screenshot: courses vs. modules / schedule

Courses vs. Modules

Student: 

Courses

- Natural Language Processing
- ... (other courses listed)

Modules

- Monday
- Thursday
- ... (other modules listed)

Stellung in Studienplänen

- Master's Degree
- ... (details of courses and modules)

Addendum

- 2016-2017
- ... (additional information or notes)

http://www.ims.uni-stuttgart.de
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- Winter break: December 22 to January 6
In case of any questions . . .

. . . please ask:

- Stefanie Anstein

  degree program manager, student advisor & contact person examination committee;

  office: 01.006 here in Pfaffenwaldring 5b
  studienberatung@ims.uni-stuttgart.de

  if in doubt, ask – the sooner the better :)}
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**Welcome at the IMS!**