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
Overview

Introduction – who we are ...

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Next steps
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**  
  (Junior Prof. Dr. Ngoc Thang Vu)
More IMS people

- lecturers and staff, e.g.

...
More IMS people

- lecturers and staff, e.g.
  - 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
Program of study

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

120 LP needed for M.Sc. degree
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- module descriptions can be found in the Handbook of Modules (**Modulhandbuch**)
  - [www.uni-stuttgart.de/bologna/modulhandbuecher](http://www.uni-stuttgart.de/bologna/modulhandbuecher)
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- 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
## Study plan suggestion

<table>
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**) offered only in winter semesters

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Program of study ctd.

Obligatory courses / modules

- “Methods in Computational Linguistics” (9 credit points)

choose 2 out of 3 "Concentrations" (12 credit points each)
- 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)
Program of study ctd.

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Electives (36 credit points)

- choose modules from the Master programs
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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 before each exam!
Module table for the MSc „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:  

<table>
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<tr>
<th>Module</th>
<th>Courses used for the module</th>
<th>Course lecturer</th>
<th>Semester in which course was taken</th>
<th>Module examiner</th>
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http://www.ims.uni-stuttgart.de/studium/interessierte/studiengaenge/cl-msc/pruefung.en.html
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Program of study ctd.

Key competences (3 credit points)

- modules for 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 (see below) 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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  - Research seminar (9 credit points)
    preparation for Master’s thesis: read research papers / books, find a topic for your thesis
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Please note: This is an idealised scheme of the program – you can do it differently, just don’t exceed the maximum duration!
Program of study ctd.

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  - registration in the examinations office

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Introduction – who we are ...

Program of study: M.Sc. CL

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Next steps
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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 :)
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- Some students have to fulfill conditions / requirements (Auflagen; see C@MPUS account; recommended to do this ASAP) – please register in ILIAS (see below) for "Auflagenmodul MSc CL" to get more information!
Useful information ctd.

- exam regulations (at the moment in German only)
  - describe obligatory modules & define electives
  - determine number of possible repetitions and maximum length of the study, . . .
  - important information is also available in English on the IMS homepage
- 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 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
- register online in the LSF
- 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)
Useful information ctd.

- 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-stuttarger.de
  - short-notice changes see also here:
    http://www.ims.uni-stuttarger.de/studium/studierende/lehrveranstaltungen/lehrveranstaltungen-aktuelles/index.en.html
Useful information ctd.

- platform ILIAS
  - to share information (slides, literature, ...) for courses (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
    - ...
Useful information ctd.

Further places at the university to get information & help:

- Examinations Office (*Prüfungsamt*)
  - Pfaffenwaldring 57 (Vaihingen)
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- IMS mentoring by Prof. Padó & Prof. Kuhn
  - You’ll get an e-mail about this.
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Introduction – who we are . . .

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  - the semester time tables extracted from the LSF:
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- the semester time tables extracted from the LSF:
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- the LSF directly:
  - check the details of the courses which are offered this semester and if you want to use them for your concentrations or as electives (see “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)
important LSF information

Proabilistic models of language and cognition - Single View

Basic Information
- Type of Course: Hauptseminar
- Hours per week in term: 2
- Language: englisch
- Frequency: jedes 2. Semester
- Number: 4035550
- Term: WiSe 2015/16
- Max. participants

Responsible Instructor
- Responsible Instructor: Walsh, Michael, Dr.

Dates/Times/Location
- Day: Mo.
- Time: 15:45 bis 17:15
- Frequency: woch.
- Duration: 14.10.2015 bis 08.02.2016
- Room: Pfaffenwaldweg 05 B - V 5.02
- Taking place

Curricula
- Graduation: Master of Science
- Contents: Computational Linguistics - Hauptfach
- Version of Exam: 2011
- Term: 1 - 4

Exams / Modules
- Module code: Slang.modul
- Slang.moduli: 35170, 35550, 35180, 56110, 46460, 46460
- Uniummer: 351700, 355501, 351801, 561102, 464601, 464603
- Uniname: Miscellaneous Topics, Seminar course Probabilistic models of language and cognition, Vorlesung Probabilistic models of language and cognition, Lecture Foundations of Computational Linguistics B, Deutschsprachige Lehrveranstaltungen Wintersemester, courses in english - winter semester
Save the dates . . .

- Welcome Reception for English MSc students of our department:
  Tuesday, October 27, 5pm

- presentation of examination regulations by the examination office:
  Wednesday, November 4, 3:45 - 5:15pm, room V 9.01

- introductory meeting for English MSc students of our department:
  Monday, November 16, 10am
In case of any questions . . .

. . . concerning your study, please ask:

- **Stefanie Anstein**
  study program manager & student advisor
  office: 02.019 here in Pfaffenwaldring 5b
  stefanie.anstein@ims.uni-stuttgart.de

  - usual office hours:
    Monday, Wednesday, Friday: 10:30 - 11:30 a.m.
  - . . . or make an individual appointment anytime :)
And now . . .

- Fill in the forms for your computer account at the IMS – check your IMS mail regularly or set a ’forward’!

Have some typical Swabian food: Apfelschorle (apple juice with sparkling water) & Brezeln (pretzels)!

Ask questions, if there are any . . .

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And now . . .

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