## **List of requirements**

## Specialization: Phonetics and Speech Technology

| SS&T   SS&T            | Speech Science and Technology Speech Technology Total Linguistics Core course in Linguistics Core course in Linguistics | 2lec<br>2ex<br>2lec<br>2ex<br>2lec<br>2ex | Points  6  6  12 | obligatory course; must be graded obligatory course; must be graded                            |  |
|------------------------|---|---|------------------|--|--|
| SS&T<br>SS&T<br>2<br>L | Speech Science  Speech Technology  Total  Linguistics  Core course in Linguistics                                       | 2lec<br>2ex<br>2lec<br>2ex                | 6 12             | -  |  |
| \$\$&T                 | Speech Technology  Total  Linguistics  Core course in Linguistics   | 2ex<br>2lec<br>2ex<br>2lec                | 6 12             | -  |  |
| <b>2</b> L             | Total  Linguistics  Core course in Linguistics  | 2ex<br>2lec                               | 12               | obligatory course; must be graded  |  |
| <b>2</b>               | <b>Linguistics</b> Core course in Linguistics   |   |                  |  |  |
| L                      | Core course in Linguistics  |   |                  |  |  |
| L                      | Core course in Linguistics  |   |                  |  |  |
|                        |   |   |                  |  |  |
| CL                     | Core course in Linguistics  | 267                                       | 6                | must be graded   |  |
|                        |   | 2lec<br>2ex                               | 6                | must be graded   |  |
|                        | Total   |   | 12               |  |  |
|                        |   |   |                  |  |  |
| 3                      | Additional Courses with ≥51   | CP, cons                                  | sisting of       |  |  |
|                        | Foundations of Language<br>Science and Technology   | 4lec<br>2ex                               | ≥9               | ≥41 CP of the courses in 3 must be graded; thus you can determine a total of ≤10 CP from these |  |
|                        | Specialization Courses (non-<br>core courses) from SS&T<br>and/or L   |   | ≥9               | courses to count as ungraded.  |  |
|                        | Courses from areas CL, LT and/or CP   |   |                  |  |  |
|                        | Courses from Computer<br>Science and/or Cognitive<br>Psychology   |   | 8-15             |  |  |
|                        | Courses in 3b-d must include a seminar (presentation and paper)   |   |                  | must be graded   |  |
|                        | Total   |   | ≥ 51             |  |  |
|                        |   |   |                  |  |  |
| 4                      | Master Seminar  |   | 12               | ungraded; must result in a thesis prospectus; 3rd semester                                     |  |
|                        |   |   |                  |  |  |
| 5                      | Colloquium  |   | 3                | oral presentation of main points of M.Sc. thesis; must be graded                               |  |
|                        |   |   |                  |  |  |
| 6                      | Master's Thesis   |   | 30               | 4th semester   |  |
|                        |   |   |                  |  |  |
| Total                  |   |   | ≥ 120            |  |  |

## **Sample Study Schedule**

This schedule serves only as an example. Your own schedule may deviate from this except for the obligatory core course(s), providing the requirements of your specialization are satisfied and depending on the availability of courses.

| Semester      | Area SS&T   | Area L   | Specialization<br>Courses<br>(min. <mark>3 Pts.</mark> )<br>SS&T/L | Additional Courses<br>(min. 9 Pts., from LT, CL or CP; 8-15 Pts.,<br>from Computer Science and/or Cognitive<br>Psychology) | points     |
|---------------|---|--|--|--|------------|
| 1<br>(Winter) | Speech<br>Science<br>6 Pts.<br>Speech<br>Technology<br>6 Pts. |  |  | Foundations of Language Science and Technology (CL) 9 Pts. Introduction to Artificial Intelligence 9 Pts.                  | 30<br>Pts. |
| 2<br>(Summer) |   | Phonological<br>Theory<br>6 Pts.<br>Semantic<br>Theory<br>6 Pts. | Lecture in SS&T/L<br>3 Pts.  | Seminar (LT/CL/CP) 7 Pts. Lecture in Cognitive Psychology 6 Pts.   | 28<br>Pts. |
| 3<br>(Winter) | Master<br>Seminar<br>12 Pts.                                  |  | Seminar in<br>SS&T/L<br>7 Pts.                                     | Seminar<br>7 Pts.<br>Lecture<br>3 Pts.   | 29<br>Pts. |
| 3<br>(Summer) | Master's Thesis<br>30 Pts.                                    |  |  | Colloquium 3 Pts.  | 33<br>Pts. |

## Legend

| Courses | lec  | Lecture                         |
|---------|------|---------------------------------|
|         | ex   | Excercise                       |
|         |      |                                 |
| Areas   | L    | Linguistics                     |
|         | CL   | Computational Linguistics       |
|         | CP   | Computational Psycholinguistics |
|         | LT   | Language Technology             |
|         | SS&T | Speech Science & Technology     |