



DEPARTMENT OF PHILOSOPHY, LINGUISTICS AND THEORY OF SCIENCE

Sociolinguistics and bilingualism for natural language processing, 7.5 higher education credits

Sociolingvistik och tvåspråkighet för grundläggande språkteknologi, 7.5 högskolepoäng.

Third Cycle

Confirmation

The course syllabus was confirmed by the Department of Philosophy, Linguistics and Theory of Science on 2018-06-04 to be valid from 2018-06-04.

Entry requirements

General and specific entry requirements for third-cycle education according to Admissions Regulations and the general syllabus [allmän studieplan] for Linguistics or Computational Linguistics.

Learning outcomes

After completion of the course the doctoral student is expected to be able to:

Knowledge and understanding

- Describe basic classic and current terms and concepts from the general linguistic fields of sociolinguistics and bilingualism,
- recognise the implications of these concepts for computational approaches to language in respect to collection of datasets, constructions of models, evaluation and interpretation of results,

Skills and abilities

- relate these terms and concepts to computational modelling of language,
- apply these theories in a practical computational implementation on one's own data,

Judgement and approach

- evaluate the usefulness of classic and current theories in sociolinguistics and bilingualism to problems of natural language processing,
- choose between these theories in a computational approach to language.

Course content

The course overviews basic concepts and theories in sociolinguistics and bilingualism. It examines their implications for computational approaches to language in respect to the collection and processing of corpora of speech, writing or social media displaying sociolinguistic variation and/or code-switching, borrowing and similar phenomena of multilingual communities.

Teaching format

Seminar discussions based on the readings and on students' data, and the contexts in which it was collected.

Each student will also present preliminary findings at one of the course meetings, which will provide learning opportunities for the others.

Primary language of instruction:

English and/or Swedish

Assessment

A seminar presentation of some data with analysis, using the theories and concepts discussed in the course.

A course project involving computational examination of some data showing sociolinguistics variability or code-switching.

Grades

The grading scale comprises Pass (G) or Fail (U).

Course evaluation

The course is evaluated by way of a written questionnaire or oral feedback.

Additional information

Bibliography is appended.