LT2310   Language Technology Project, 7.5 higher education credits

Språkteknologisk projektkurs, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Department of Philosophy, Linguistics and Theory of Science on 2016-03-16 and was last revised on 2016-04-25 to be valid from 2016-04-25, spring semester of 2016.

Field of education: Science 100%
Department: Department of Philosophy, Linguistics and Theory of Science

Position in the educational system

The course is part of the 'Master's in Language Technology' programme (H2MLT). It can also be offered as a freestanding course.

The course can be part of the following programme: 1) Master in Language Technology (One year or Two years) (H2MLT)

Main field of studies	*Specialization*
Language Technology	A1F, Second cycle, has second-cycle course/s as entry requirements

Entry requirements

Admission to the course requires either successful completion of the two courses

LT2111 Introduction to programming, 7.5 hecr
LT2112 Introduction to formal linguistics, 7.5 hecr

LT2113 Natural Language Processing, 15 hecr

or corresponding Language Technology competence,

or successful completion of at least one of the courses:

LT2101 Introduction for computer scientists, 15 hecr
LT2102 Introduction for linguists, 15 hecr

and successful completion of the course

LT2113 Natural Language Processing, 15 hecr

or equivalent language technology skills and knowledge.

Learning outcomes
After completion of the course students are expected to be able to:

Knowledge and understanding
- carry out a small language technology subproject within the framework of either an ongoing project at a university, or in a company
- show insight into the chosen subarea of language technology and its relation to relevant research in language technology

Skills and abilities
- show ability to creatively handle research problems, analyse and evaluate various technical solutions, in cooperation with a project owner (i.e., a representative for the ongoing project or company)
- show ability to plan and carry out tasks using chosen methods and within given frames
- show ability to design language technology products, processes or systems within the frames set by the project owner
- show ability to cooperate with a project owner
- show ability to orally and in writing present and discuss information, problems and solutions in interaction with the project owner

Judgement and approach
- show ability to make assessments with respect to relevant scientific, societal and ethical aspects
- show insight into the possibilities and limitiations of technology, and its role in society

Course content
The course contains the following elements, to be carried out in cooperation with the project owner:

- Problem formulation

- Planning
- Execution
- Evaluation
- Written report
- Oral presentation

Form of teaching

Teaching will be carried out in the form of project work and supervision. Initial discussions, planning and evaluation will be done in cooperation with the academic supervisor. Other work will be carried out in cooperation with the project owner.

Language of instruction: English

Assessment

The examination consists of a written report and an oral presentation.

A student who has failed an examination twice has the right to change examiners if it is feasible. A written application should be sent to the board of the department. (HF 6 kap § 22).

In case a course has ceased or gone through major changes, the student shall normally be guaranteed access to at least three examination opportunities (including regular examinations) during a time of at least one year on the basis of the earlier structure of the course.

Grades

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

Course evaluation