



DEPARTMENT OF PHILOSOPHY, LINGUISTICS AND THEORY OF SCIENCE

LT2311 Language Technology Project, 7.5 credits

Språkteknologisk projektkurs, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Department of Philosophy, Linguistics and Theory of Science on 2018-05-29 and was last revised on 2023-11-13 to be valid from 2024-01-15, spring semester of 2024.

Field of education: Science 100%

Department: Department of Philosophy, Linguistics and Theory of Science

Position in the educational system

The course can be part of the following programmes: 1) Master in Language Technology (H2LTG) and 2) Master in Language Technology (One year or Two years) (H2MLT)

Main field of studies

Language Technology

Specialization

A1F, Second cycle, has second-cycle course/s as entry requirements

Entry requirements

For admission to the course a passed result in each of the following courses:

- LT2001 Introduction to programming 7.5 credits
- LT2002 Introduction to formal linguistics 7.5 credits
- LT2003 Natural language processing, 15 credits (or LT2123 Basic skills for language technology, 7.5 credits together with LT2124 Themes in NLP and language technology, 7.5 credits)

or equivalent is required.

English 6 or equivalent is also required.

Learning outcomes

On successful completion of the course the student will be able to:

Knowledge and understanding

- carry out a smaller language technology sub-project within the framework of an ongoing project at a university or a company,
- demonstrate insight into the chosen language technology area and understanding of its relation to relevant language technology research,

Competence and skills

- carry out a smaller language technology sub-project within the framework of an ongoing project at a university or a company,
- demonstrate insight into the chosen language technology area and understanding of its relation to relevant language technology research,
- show the ability to creatively handle questions, analyze, and evaluate different technical solutions in cooperation with a project owner (i.e., a representative of the ongoing project),
- demonstrate the ability to plan and carry out tasks within given parameters using selected methods,
- show the ability to design language technology products, processes, or systems within the framework set by the project owner,
- demonstrate the ability to collaborate with a project owner,
- demonstrate the ability to orally and in writing report and discuss information, problems, and solutions in dialogue with the project owner,
- carry out work according to a predetermined schedule,

Judgement and approach

- demonstrate the ability to make assessments considering relevant scientific, societal, and ethical aspects,
- demonstrate insight into the possibilities and limitations of technology and its role in society.

Course content

The student carries out a smaller language technology sub-project within the framework of an ongoing project at a university or a company.

The course includes the following elements, which are carried out in collaboration with the project owner:

- Problem formulation
- Planning
- Implementation

- Evaluation
- Report writing
- Presentation

Form of teaching

The instruction is conducted in the form of project work and supervision. Initial discussions, planning, and evaluation are conducted together with an academic supervisor. The rest of the work is done in collaboration with the project owner, i.e., a representative of the ongoing project.

The grading teacher may request completion of examined student achievements.

Language of instruction: English

Assessment

The course is examined through a written report and an oral presentation.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years, after the course has ceased/been changed. The same applies to placements and professional placements (VFU), although this is restricted to just one additional examination session.

Grades

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

Course evaluation

Students participating in, or having completed the course, are given the chance to anonymously submit their opinions of and suggestions for the course in a course evaluation. A short version of the course evaluation, together with the reflections of the course coordinator, is published and made available to the students within a reasonable time after the course has finished. The next time the course will be given, a short version

of the course evaluation will be presented together with any measures implemented.

Additional information

The course requires access to a computer (or similar) with internet access.