COURSE DETAIL

METHODS IN LANGUAGE TECHNOLOGY

Country
Norway

Host Institution
University of Oslo

Program(s)
University of Oslo

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
130

UCEAP Course Suffix

UCEAP Official Title
METHODS IN LANGUAGE TECHNOLOGY

UCEAP Transcript Title
METHODS/LANG TECH

UCEAP Quarter Units
8.00

UCEAP Semester Units
5.30

Course Description

This course gives an in-depth study in basic methods and practical tools for basal language technology (methods for automatic analyzation of language-based data). It covers both rule-based techniques, such as phrase structure grammar, and approximations with a starting point in machine learning, such as vector space semantics and classification. The course takes a look at some applications of methods for issues within language technology such as tagging, parsing, and text classification (such as sentiment analysis). The course has a strong practical component, with use of relevant tools and projects with written reports, among other things, which are required to qualify for the exam.

Language(s) of Instruction
Norwegian

Host Institution Course Number
IN2110

Host Institution Course Title
METHODS IN LANGUAGE TECHNOLOGY

Host Institution Course Details
https://www.uio.no/studier/emner/matnat/ifi/IN2110/index-eng.html

Host Institution Campus

Host Institution Faculty
Mathematics and Natural Sciences

Host Institution Degree
Bachelor

Host Institution Department
Informatics

Course Last Reviewed
2024-2025

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