COURSE DETAIL

FOUNDATIONS OF NATURAL LANGUAGE PROCESSING
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) Intern: Scotland,University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 153
UCEAP Course Suffix
UCEAP Official Title FOUNDATIONS OF NATURAL LANGUAGE PROCESSING
UCEAP Transcript Title NATURAL LANG PROC
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course covers some of the linguistic and algorithmic foundations of natural language processing (NLP). It builds on algorithmic and data science concepts developed in previous courses, applying these to NLP problems. It also equips students for more advanced NLP courses. The course is strongly empirical, using corpus data to illustrate both core linguistic concepts and algorithms, including language modeling, part of speech tagging, syntactic processing, the syntax-semantics interface, and aspects of semantic and pragmatic processing. The theoretical study of linguistic concepts and the application of algorithms to corpora in the empirical analysis of those concepts are interleaved throughout the course.

Language(s) of Instruction
English

Host Institution Course Number
INFR10078

Host Institution Course Title
FOUNDATIONS OF NATURAL LANGUAGE PROCESSING

Host Institution Course Details
https://www.ed.ac.uk/global/study-abroad/course/index.php?submitted=yes&showadv...

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informatics

Course Last Reviewed
2021-2022

Print