

NLP

Prerequisite: Intro to Computational Linguistics

Credit Hours: (2)

Natural language processing (NLP) is a field of computer science and linguistics concerned with the interactions between computers and human natural languages. This course will focus on the basic concepts in processing natural languages and will introduce models, formalisms and algorithms that can be used for development of systems for processing text and speech. The course outline includes parsing methods, advances in language modeling, semantic processing, natural language understanding, etc.