

## CS6320 - Natural Language Processing

[CS 6320](#) Natural Language Processing (3 semester credit hours) This course covers state-of-the-art methods for natural language processing. After an introduction to the basics of syntax, semantic, and discourse analysis, the focus shifts to the integration of these modules into natural-language processing systems. In addition to natural language understanding, the course presents advanced material on lexical knowledge acquisition, natural language generation, machine translation, and parallel processing of natural language. Prerequisite: [CS 5343](#). (3-0) Y