

# CSC 9010- Natural Language Processing

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# Natural Language Processing

- **speech recognition**
- **natural language understanding**
- **computational linguistics**
- **psycholinguistics**
- **information extraction**
- **information retrieval**
- **inference**
- **natural language generation**
- **speech synthesis**
- **language evolution**

# Applied NLP

- Machine translation
- spelling/grammar correction
- Information Retrieval
- Data mining
- Document classification
- Question answering, conversational agents