LING 445. COMPUTATIONAL

Credits: 3

Offered by: Linguistics (Faculty of Arts)

This course is not offered this catalogue year.

Description

Introduction to foundational ideas in computational linguistics and natural language processing. Topics include formal language theory, probability theory, estimation and inference, and recursively defined models of language structure. Emphasis on both the mathematical foundations of the field as well as how to use these tools to understand human language.

- Prerequisite(s): COMP 250 and MATH 133 or permission of the instructor.
- Restriction(s): Not open to students who have taken or are taking COMP 445.
- Students who are taking or have taken both COMP 330 and COMP 424 are advised to take COMP 550 in place of COMP 445/LING 445.
- This is a double-prefix course and is identical in content with COMP 445.
- Some background in linguistics at the level of LING 201 is desirable, though not critical.

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