COMP 445. COMPUTATIONAL LINGUISTICS.

Credits: 3

Offered by: Computer Science (Faculty of Science)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

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: Not open to students who have taken or are taking LING 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 LING 445.
- Some background in linguistics at the level of LING 201 is desirable, though not critical.

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