

# COMP 345. FROM NATURAL LANGUAGE TO DATA SCIENCE.

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Credits: 3

Offered by: Computer Science (Faculty of Science)

Terms offered: Winter 2026

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## Description

Introduction to language data science, including theoretical approaches and practical skills. Processing, searching, and querying text data; making sense of large corpora; modelling and interpreting psycholinguistic and historical language data; building models of sequences of words; computing similarity between languages; information retrieval and extraction; question answering; and ethics.

- Prerequisites: COMP 250 and MATH 133; or permission of the instructor.
- Restriction: Not open to students who have taken or are taking LING 345.

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