UNIVERSITÀ DI TORINO

ID

VP_110_INF

Visiting Professor Program
Academic Year 2025/2026

TEACHING COMMITMENT: 12 hours

COURSE TITLE
NLP for Healthcare

TEACHING PERIOD
II semester

SCIENTIFIC AREA
Computer Science, Natural Language Processing

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
The goal of this course is to teach the main natural language processing techniques related to the field healthcare. The course is essentially structured in two parts. In the first part a number of NLP modules (as parsing, generation and dialogue systems), will be covered by considering the specific constraint of healthcare domain. In the second part, there will be presented a number of applicative NLP projects in the field of healthcare.

LEARNING OBJECTIVES
- Parsing healthcare documents.
- Generation of medical/healthcare jargon for patients and doctors.
- Dialogue Systems in the medical domain.
- NLP for healthcare in practice.

OTHER ACTIVITIES BESIDE THE COURSE

VISITING PROFESSOR PROFILE

The Visiting Professor should have a strong background in the filed of natural language processing, with specific experiences in the domain of healthcare.

CONTACT REFERENT

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