



CLARIN



## The UPSKILLS Learning Content

# Automatic speech recognition and forced alignment

A learning block aimed to make a bridge between students with a linguistic background and Automatic Speech Recognition as a technical topic. It is set up to present a transparent and balanced presentation of ideas, at appropriate levels of detail, alongside quizzes containing multiple-choice questions which lecturers are invited to adapt and expand as research in the field progresses.

 3 ECTS

+ a student project amounting to 3 extra ECTS



The UPSKILLS learning content is open access, adaptable and modular, which means that you can either wholly incorporate it in your curriculum or pick and choose any of the following modules to upskill your existing course:

- The speech signal
- Acoustic features
- Bayes and Viterbi
- Architectures of ASR (I)
- Architectures of ASR (II)
- Forced alignment as a special case of ASR
- Data selection criteria / justification
- Dialogue
- Language models
- Student project

Images by storyset on Freepik



<https://upskillsproject.eu/>

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