## **ABSTRACT:**

This diploma thesis deals with the education and communication of students with hearing impairment with a focus on the analysis of the level of understanding of information in sign language for students of special secondary schools for the hearing impaired. The theoretical part presents important concepts in this area, such as the definition of communication and communication options for the hearing impaired, as well as educational opportunities for the hearing impaired from a preschool level to a university and last but not least sign languages, their research in the world and Czech sign language as a native language of people with hearing impairment in the Czech Republic.

The empirical part describes the research, which was conducted on 65 probands - high school students of the special school for students with a hearing impairment. The research is focused on the differences in the level of understanding of groups of students according to their identification data and also examined whether comprehension is affected by the complexity of the information transmitted (i.e. whether information at the level of ordinary conversation is better understood than a professional information). The research survey was of a qualitative nature and the main research method was a non-standardized questionnaire following video demonstrations. Both were compiled for the purpose of this investigation. Within the research, six research questions were determined, to which the research survey found answers, which are subsequently described.