

Annotation:

The bachelor thesis deals with influence of noise on human's health. The sound and anatomy of hearing is described in the theoretical part, along with sources of noise, types of noise and negative effects on human's health and its influence in school environment. The theoretical part then discusses acoustics in regards with protection from noise. In practical part of the thesis the results of research are processed. The research was made with the help of teachers from elementary schools and present students from pedagogic faculty. The research was realized through questioners aimed at perception of the noise and its effect on teacher's health. Further, the research hypotheses are composed, output in the form of recommendation of how to eliminate noise in classrooms is determined, as well as a discussion and the conclusion of the bachelor thesis are finalized.

Key words: health, noise, mental hygiene