

ABSTRACT

The diploma thesis deals with the attitudes of university students, who will become chemistry teachers, to chemistry and their views on various areas related to chemistry. This work follows the author's bachelor thesis, in which the public's opinion to chemistry was ascertained using a questionnaire survey. In the diploma thesis we focused on finding out attitudes of a group of future chemistry teachers through interviews. The theoretical part deals with the role of chemistry in today's world, chemophobia and the topic of attitudes. The practical part is based on interviews with respondents. This part contains basic information about the research – selection and number of respondents, questions used in the interview, the procedure for data collection and data analysis. One of the key findings was that respondents often lack the perspective and vision of chemistry in context. These are important qualities and skills that a chemistry teacher should have. Furthermore, the importance of teachers in the process of forming a relationship/attitude to chemistry was confirmed – teachers with a broader perspective lead students to a positive relationship to chemistry and they are able to enthrall pupils by chemistry.

Key words: chemistry, opinion, attitude, chemophobia, interview, chemistry teachers