

This thesis provides an overview of Czech astronomy education both inside and outside of school environment and develops methods to explore its possible influence on science career decision. A mixed approach was chosen for the research. Based on the first qualitative part, hypotheses and specified research questions were formulated. Consequently, the hypotheses were examined using questionnaires distributed to students of several Czech universities. However, the data analysis showed a variable stronger than involvement in astronomy education – the breadth of science interest. Possible practical outcomes and recommendations for future research are discussed.