This diploma thesis describes the most frequent difficulties which Russian speaking students face while acquiring phonetic features of Czech. It also focuses on discovering the causes leading to fixation of foreign accent. We are trying to organize, on the basis of theoretical comparison of phonological systems of Czech and Russian, phonetic mistakes which Russian speaking students make. Subsequently it analyses phonetic features described in Czech for foreigners textbooks. It emphasises systematic identification of mistakes appearing in the speech of students studying Czech coming from Russian speaking environment, perceived by: (1) students themselves, (2) their teachers and (3) native speakers. This analysis contributes to better understanding of, how students master closely related foreign language, what difficulties they encounter in education and how the students can cope with those problems.