

## **Abstract:**

The diploma thesis is focused on the study and analysis of a specific group of population, that is foreigners, in the demographic perspective. Beyond a description of the legislative framework of foreigners in the Czech Republic, the thesis makes an effort to study migrants – employees, entrepreneurs, students, as well as asylum seekers – analyzing foreigners' birth and death rates and illegal migration on the territory of the Czech Republic. Furthermore, the thesis presents the current situation of official statistics and the problematic of foreigner's registration in the CR, while also discussing the advantages and disadvantages of certain data sources. An important part is dedicated to the methodology of demographic estimations and to an explanation of the difference between demographic forecast and projection. Selected theories of international migration, which contribute to a deeper understanding of the phenomenon of international migration, are listed. The essential part deals with an estimation of migration flows in the Czech Republic. The thesis uses two basic methodologies of estimation. The first one is based on the deterministic approach. The second methodology uses the stochastic approach. The analytical part includes models created according to Box-Jenkins methodology predicting the future development of the number of foreigners in the CR. The thesis also introduces the concept of Replacement Migration, which describes the relation between natural replacement and migration.

## **Keywords:**

Migration, foreigners, theories of international migration, deterministic model, stochastic model, estimation, forecast, projection, net migration, Replacement Migration