

## **Abstract**

This bachelor's thesis deals with knowledge that we have nowadays about the Maya calendar system in pre-conquest time. Furthermore, themes of Maya astronomy and the 2012 phenomenon are mentioned. This text is focused on the Maya concept of time and the Maya numeral system. Great attention is given to the basic parts of which the Maya calendar consisted – solar and sacral year, which constitute a Calendar Round, and the *Long Count*. This thesis is also concerned with the Maya concept of astronomy and three celestial bodies, which were very important in the Maya astronomy – the Sun, the Moon and Venus. Last chapter of this thesis concentrates on the source of the 2012 phenomenon and the opinions on this issue.

## **Keywords**

Maya calendar, Maya astronomy, the 2012 phenomenon.