

The graduate is equipped with knowledge and skills needed for the profession of a fully qualified teacher of mathematics at lower and upper secondary schools of all types. He/she is ready to work in a differentiated way with both pupils talented for mathematics and pupils with special needs.

The goal of master studies in the programme Training Teachers of General Subjects at Lower and Higher Secondary Schools – Mathematics is to provide graduates with comprehensive education which will prepare them for the profession of mathematics teacher at lower and upper secondary schools of all types. The programme respects a balance of cognitive, didactic and pedagogy-psychologic parts of education. An emphasis is put on the use of didactic innovations in the teaching of mathematics with regard to the current didactic conceptions, while building on the knowledge of different fields of mathematics acquired in the bachelor degree of study. The graduates will be prepared to construct school educational programmes with the focus on integration of different parts of mathematics (arithmetic, algebra, geometry, statistics, financial mathematics, etc.) and various educational areas. The graduates will acquire enough knowledge and skills to work in differentiated ways with both pupils talented in mathematics and pupils with special needs not only in mathematics lessons but also within out-of-school activities.