

A graduate gained broad knowledge and skills in particular chemical disciplines. They can safely work in a laboratory and are able to solve tasks of chemical nature. They can assert themselves as an assistant pedagogue, as a leisure-time pedagogue, in public administration and also in research labs or other institutions focused on chemistry or related disciplines.

The basic aim of the study field – Chemistry with a focus on education is preparation of graduates for following master studies for prospective elementary and secondary school teachers where Chemistry is a school subject of general education. The study is above all focused on deep professional student preparation in general, inorganic, organic and analytical chemistry and general preparation in physical chemistry and biochemistry. The broad knowledge and skills the students gain on lectures, seminars and laboratory courses are basics not only for the following master studies at a faculty with similar specialization, but also enables the students assert themselves also outside of schools, for example in public administration, in institutions for free time youth activities, also as technical assistants in chemistry laboratories with a research and technological focus.